



chain nodes :

1 2 3 4 5 6 7 19 43 44 50

ring nodes :

8 9 10 11 12 13 14 15 16 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36  
37 38 39 40 41 42

chain bonds :

1-2 1-19 1-50 2-3 3-4 4-5 5-6 6-7 7-10 37-43 38-44

ring bonds :

8-9 8-13 9-10 10-11 11-12 12-13 12-14 13-16 14-15 15-16 20-21 20-25 21-22 22-23 23-24  
24-25 26-27 26-31 27-28 28-29 29-30 30-31 32-33 32-36 33-34 34-35 35-36 37-38 37-42  
38-39 39-40 40-41 41-42

exact/norm bonds :

1-19 1-50 3-4 12-13 12-14 13-16 14-15 15-16 32-33 32-36 33-34 34-35 35-36 37-38 37-42  
37-43 38-39 38-44 39-40 40-41 41-42

exact bonds :

1-2 2-3 4-5 5-6 6-7 7-10

normalized bonds :

8-9 8-13 9-10 10-11 11-12 20-21 20-25 21-22 22-23 23-24 24-25 26-27 26-31 27-28 28-29  
29-30 30-31

G1:[\*1],[\*2],[\*3],[\*4]

Match level :

1:CLASS2:CLASS3:CLASS4:CLASS5:CLASS6:CLASS7:CLASS8:Atom 9:Atom 10:Atom 11:Atom  
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 19:CLASS20:Atom 21:Atom 22:Atom 23:Atom 24:Atom  
25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom  
36:Atom 37:Atom 38:Atom 39:Atom 40:Atom 41:Atom 42:Atom 43:CLASS44:CLASS50:CLASS

FULL ESTIMATED COST

3.78

3.78

FILE 'REGISTRY' ENTERED AT 01:03:20 ON 25 JUN 2007  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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Property values tagged with IC are from the ZIC/VINITI data file  
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STRUCTURE FILE UPDATES: 22 JUN 2007 HIGHEST RN 938512-67-5  
DICTIONARY FILE UPDATES: 22 JUN 2007 HIGHEST RN 938512-67-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>  
Uploading C:\posullivan\105959997.str

L1 STRUCTURE UPLOADED

=> d 11  
L1 HAS NO ANSWERS  
L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s 11  
SAMPLE SEARCH INITIATED 01:03:58 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 14 TO ITERATE

100.0% PROCESSED 14 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 56 TO 504  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> search 11  
ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT..  
ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET:full  
FULL SEARCH INITIATED 01:04:04 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 208 TO ITERATE

100.0% PROCESSED 208 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

L3

0 SEA SSS FUL L1